

From: [Kady, Thomas](#)
To: [Coltrain, Katrina](#); bwilliams@amoed.com; stewart.sandberg@hccs.edu; [Powell, Greg](#); [Prince, George](#); richard.m.leuser@lmco.com; Todd.Downham@deq.ok.gov; [Werkema, Dale](#); [Burchette, Sella](#)
Subject: RE: Wilcox Terminal -- Geophysical Investigation
Date: Tuesday, July 14, 2015 1:49:32 PM

Yes, sorry about that. Thanks.

From: Coltrain, Katrina
Sent: Tuesday, July 14, 2015 2:41 PM
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Subject: RE: Wilcox Terminal -- Geophysical Investigation

Tom, you meant to say the week of 7/20, right?

Katrina Higgins-Coltrain
Remedial Project Manager
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Dallas, Texas 75202
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From: Kady, Thomas
Sent: Tuesday, July 14, 2015 1:39 PM
To: Coltrain, Katrina; bwilliams@amoed.com; stewart.sandberg@hccs.edu; Powell, Greg; Prince, George; richard.m.leuser@lmco.com; Todd.Downham@deq.ok.gov; Werkema, Dale; Burchette, Sella
Subject: Wilcox Terminal -- Geophysical Investigation

Hello everyone –

To firm up the geophysics plan and maximize both value and productivity, we believe a site recon is with the geophysics team would be greatly beneficial prior to conducting the work. The recon will take place the week of 7/13. We envision this work to be performed Tuesday, Wednesday and Thursday with Monday/Friday as travel days. Flights and lodging will be in Tulsa, OK. We'll commute to the site in Bristow, which is about 40 minutes away.

Katrina recommends:

Marriott Southern Hills
1902 E 71st St
Tulsa, Oklahoma, 74136

Attending the recon will be:

Greg Powell, George Prince, Tom Kady (ERT)
Beth Williams and Stewart Sandberg (SERAS)
Dale Werkema (ORD) (if available, willing and able)
Katrina Coltrain (EPA Region 6) and Todd Downham (ODEQ)

Objectives: We want to accomplish all of the items below while the entire team is in the field next week. By the end of the week, we should have a good plan of attack with most or all of the details ironed out.

Geophysics (Tues/Wed)

1. Understand site and site constraints (e.g., AOCs, potential COCs, access issues, vegetation, terrain, overall size, etc.)
2. Upon touring the site, the team will meet in the field/hotel to refine the geophysical investigation
 - a. Agree on deliverables and their value to the project
 - b. Agree on technical approach and techniques (e.g., Induced Polarization, forward modeling, grid vs. perimeters, etc.)
 - c. Refine proposed work scope, levels of effort and costs
 - d. Mark and measure investigation perimeters and transects via GPS (we'll need at least 2 GPS units)
3. Determine equipment vendors and subcontractors
 - a. Geophysics equipment
 - b. ATVs
 - c. Clearing/grubbing/mowing
4. Determine schedule sequence and start date
5. Secure landowner buy-in

CPT/LIF (Thursday)

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1. Meet potential CPT/LIF contractors on site
2. Understand site and site constraints (as above)
3. Explain geophysics approach/objectives and get their take on:
 - a. Necessity/value
 - b. Additional data needs
 - c. Determine if CPT/LIF contractors should self-perform any geophysics activities
4. Understand contractors' capabilities, experience, recommended technology and technical approach
5. Understand contractors' equipment availability and production rates for both single and multiple rigs

6. Explain our near real-time data management process requirements
7. Make final adjustments to the geophysical investigation plan to incorporate contractor comments/needs

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Please let me know if you have any questions.

Best regards,

Tom

Tom Kady
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